

Recombinant Human CD300A Protein, Fc/HIS-tagged

Cat. No. CD300A-054H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD300A fused with Fc/HIS tag at N-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the CD300 glycoprotein family of cell surface proteins found on leukocytes involved in immune response signaling pathways. This gene is located on chromosome 17 in a cluster with all but one of the other family members. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Lyophilized from a 0.2 M filtered solution of PBS,pH 7.4
Molecular Mass	45.4kD
AA Sequence	LSKCRTVAGPVGGSLSVQCPYEKEHRTL NKYWCRPPQIFLCDKIVETKGSAGKRNG RVSIRDSPANLSFTVTLENLTEEDAGTYWCGVDT PWLRDFHDPVVEVEVSVPAST SMTPASITA AKTSTITTA FPPVSSTTLFAVGATHSASIQEETEEVNSQVDDIEGRMD EPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPE VKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKA LPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESN GQPENNYKTTTPVLDS DGSFFLYSKLTVDKSRWQQGNV FSCSVMHEALHNHYTQK SLSLSPGKHHHHHH*

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
GENE INFORMATION	
Gene Name	CD300A CD300a molecule [Homo sapiens]
Official Symbol	CD300A
Synonyms	CD300A; CD300a molecule; CD300a antigen; CMRF35-like molecule 8; CMRF 35 H9; CMRF35H; IGSF12; IRC1; IRC2; Irp60; NK inhibitory receptor; leukocyte membrane antigen; inhibitory receptor protein 60; CD300 antigen-like family member A; immunoglobulin superfamily member 12; CMRF35H leukocyte immunoglobulin-like receptor; CLM-8; IRp60; CMRF-35H; CMRF35-H; CMRF35H9; CMRF35-H9; IRC1/IRC2; CMRF-35-H9;
Gene ID	11314
mRNA Refseq	NM_001256841
Protein Refseq	NP_001243770
MIM	606790
UniProt ID	Q9UGN4

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